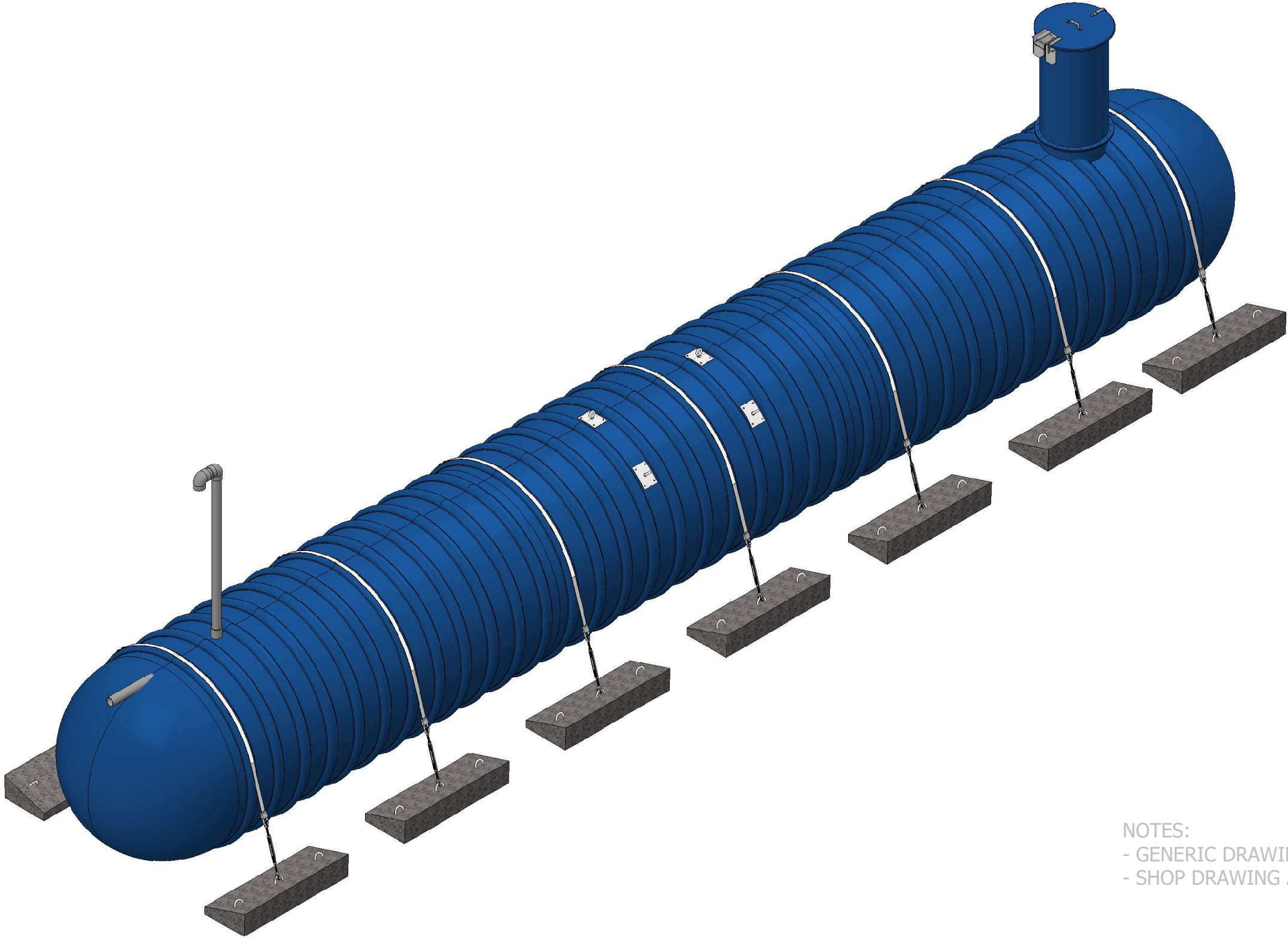


NN08360705EP

FIBERGLASS TANK

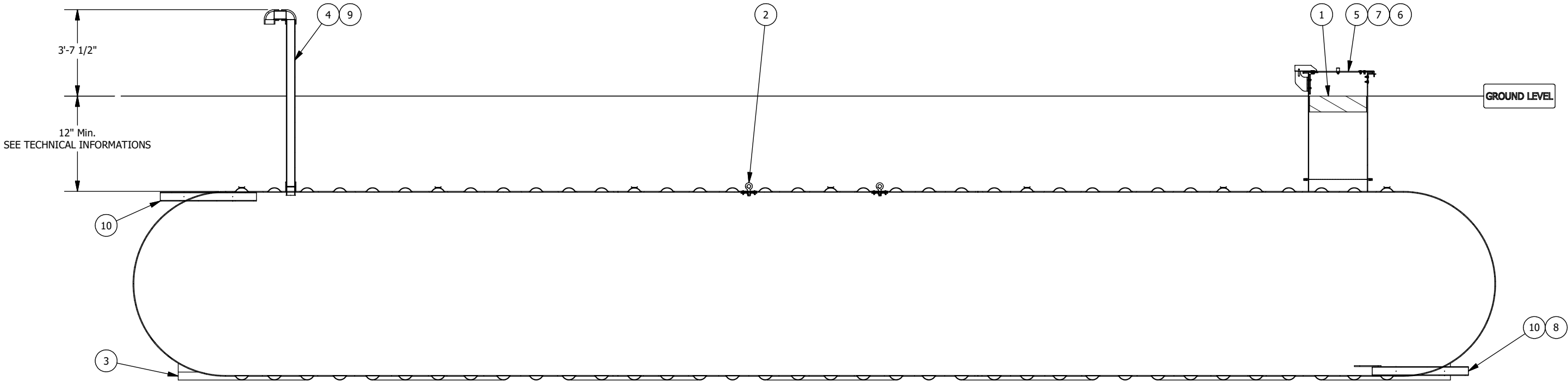
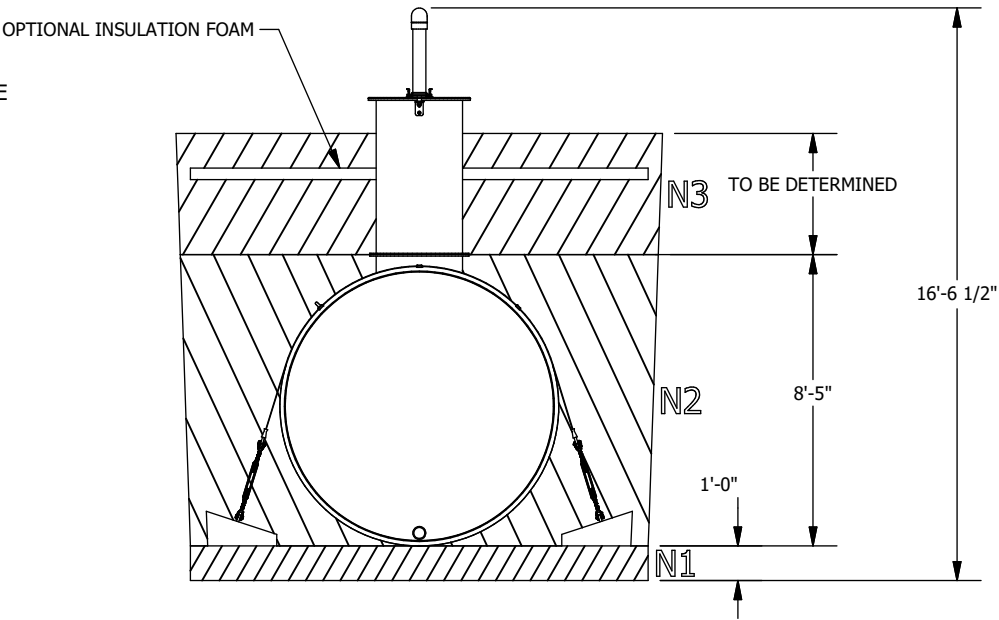


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08360705EP
TOLERANCES (ANGULAR)		Drawn by O. Marin 19/12/2023		Title 8' Dia. TANK - 18967 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 6499 Lb		Approved by :			
Client		# Project		Sheet 1 / 4	

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	7	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT WITH SST BIRD SCREEN	
5	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
6	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
7	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
8	PFV01414	1	0.5" x 13.5" x 13.5" ANTI-VORTEX PLATE	
9	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (40"L.)	2	4" SCH.80 GREY PVC PIPE	

BACKFILL PROPERTIES
N1 - 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N2 - PRIMARY BACKFILL, 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N3 - SECONDARY BACKFILL, COARSE SAND OR GRAVEL 1 1/2" OR LESS



SECTION ELEVATION VIEW

Optional anchoring depending on the tank's environment

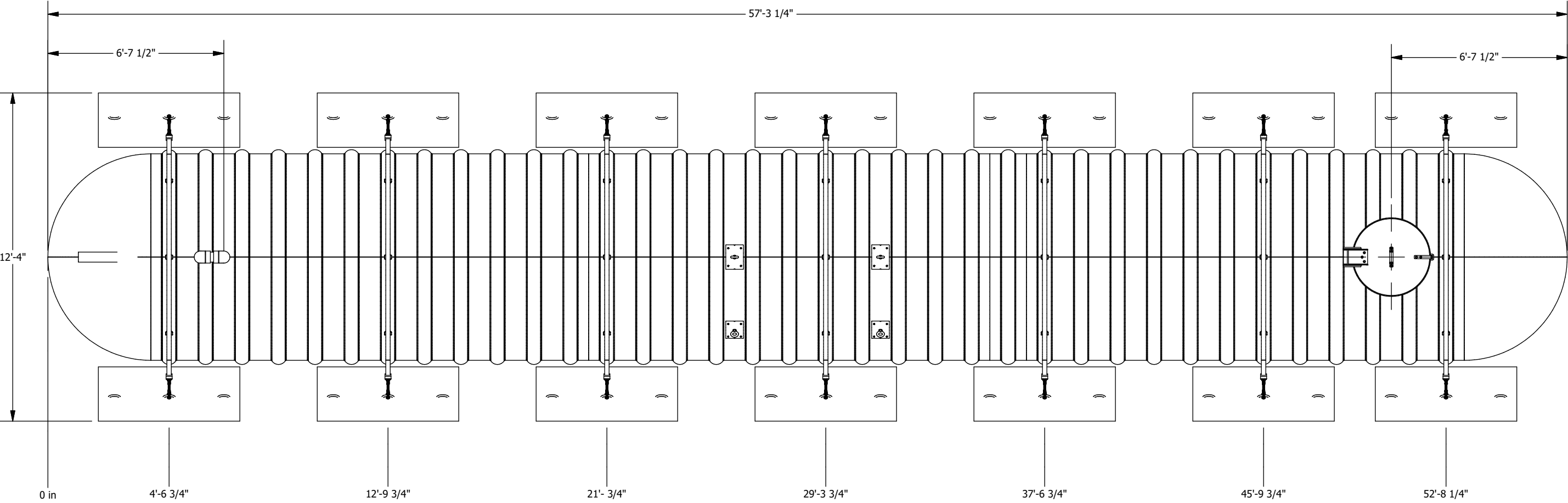
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25
- (If required) Quantity of fiberglass anchoring straps : 7
- (If required) Quantity of reinforced concrete deadman anchors : 14
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must not be less than 60° from the horizontal
- The weight on the drawing does not include kits of belts and concrete blocks.
- HS-20 rated for burial depth from 36 to 84 inches
- Manufactured according to ANSI-AWWA D120 requirements
- Manufactured according to NSF-61 requirements for drinking water
- Airtightness test performed at the factory at 35 kPa

The tank must be installed in accordance with the manufacturer's instructions.

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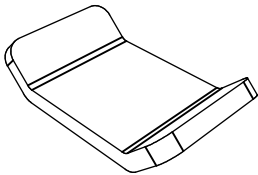
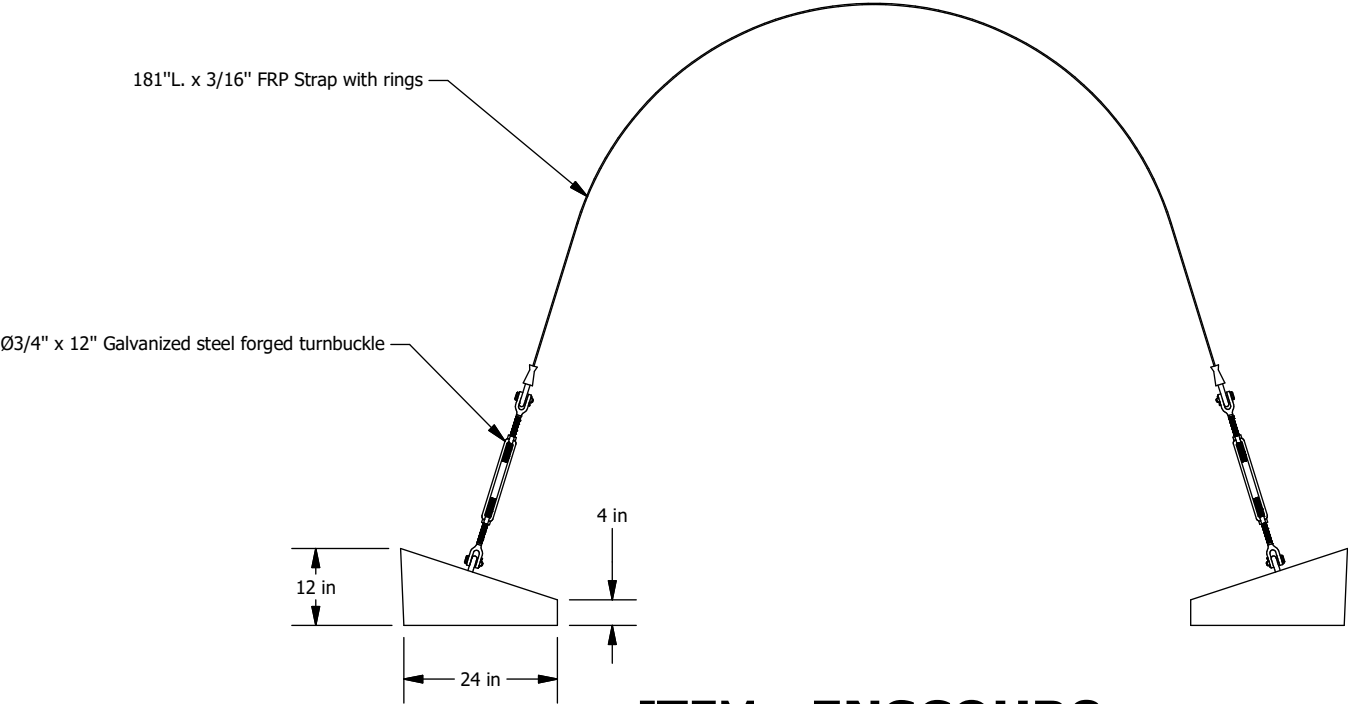
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description	
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin Approved by : 		Format B Part no. NN08360705EP REV 02	
0.00 -> ± 0.1 DEG. Weight : 6499 Lb				Title 8' Dia. TANK - 18967 US gal	
Client		# Project		Sheet 2 / 4	



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			 GRANBY COMPOSITES			Revision description					
						Format B	Part no. NN08360705EP			REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			Drawn by O. Marin		19/12/2023		Title 8' Dia. TANK - 18967 US gal				
Weight : 6499 Lb			Approved by :								
Client		# Project			Sheet 3 / 4						



Fiberglass Strap Guide
Directly installed on the tank

- Turnbuckle**
- Forged carbon steel, hot-dip galvanized
 - In accordance with US specifications FF-T-791B Type 1, Form 1 (open cage).
 - Safety factor 5:1
 - Working load 5,200 Lbs
- Concrete deadman anchor**
- Weight : 1,093 Lbs
 - Reinforced with galvanized steel
- Fiberglass strap**
- High quality fiberglass
 - Working load 20,000 Lbs
 - Ultimate rated 45,000 Lbs
 - Equipped with galvanized steel rings

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TOLERANCES (LINEAR)						Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B Part no. ENSCOUR8 REV A.				
TOLERANCES (ANGULAR)			Drawn by O. Marin			04/10/2018			Title ANCHORING KIT	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			0.00 -> ± 0.125" 0.00 -> ± 0.1 DEG.			Weight :				
Client			# Projet			Sheet 4 / 4				



CAPACITY CHART FOR NN08360705 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
-		6	497	12	1397	18	2539	24	3853	30	5290	36	6813	42	8387	48	9983	54	11568	60	13114
1/8	2	6 1/8	512	12 1/8	1419	18 1/8	2565	24 1/8	3882	30 1/8	5321	36 1/8	6845	42 1/8	8421	48 1/8	10016	54 1/8	11601	60 1/8	13146
1/4	5	6 1/4	528	12 1/4	1441	18 1/4	2591	24 1/4	3911	30 1/4	5352	36 1/4	6878	42 1/4	8454	48 1/4	10049	54 1/4	11634	60 1/4	13177
3/8	8	6 3/8	544	12 3/8	1462	18 3/8	2617	24 3/8	3940	30 3/8	5383	36 3/8	6910	42 3/8	8487	48 3/8	10082	54 3/8	11666	60 3/8	13209
1/2	12	6 1/2	560	12 1/2	1484	18 1/2	2643	24 1/2	3969	30 1/2	5415	36 1/2	6943	42 1/2	8520	48 1/2	10115	54 1/2	11699	60 1/2	13240
5/8	17	6 5/8	576	12 5/8	1506	18 5/8	2669	24 5/8	3998	30 5/8	5446	36 5/8	6975	42 5/8	8553	48 5/8	10149	54 5/8	11732	60 5/8	13271
3/4	22	6 3/4	592	12 3/4	1529	18 3/4	2695	24 3/4	4027	30 3/4	5477	36 3/4	7008	42 3/4	8586	48 3/4	10182	54 3/4	11764	60 3/4	13303
7/8	28	6 7/8	609	12 7/8	1551	18 7/8	2722	24 7/8	4056	30 7/8	5508	36 7/8	7040	42 7/8	8619	48 7/8	10215	54 7/8	11797	60 7/8	13334
1	34	7	625	13	1573	19	2748	25	4085	31	5539	37	7073	43	8653	49	10248	55	11830	61	13366
1 1/8	40	7 1/8	642	13 1/8	1596	19 1/8	2774	25 1/8	4114	31 1/8	5570	37 1/8	7105	43 1/8	8686	49 1/8	10281	55 1/8	11862	61 1/8	13397
1 1/4	47	7 1/4	659	13 1/4	1618	19 1/4	2801	25 1/4	4144	31 1/4	5602	37 1/4	7138	43 1/4	8719	49 1/4	10315	55 1/4	11895	61 1/4	13428
1 3/8	55	7 3/8	676	13 3/8	1641	19 3/8	2827	25 3/8	4173	31 3/8	5633	37 3/8	7170	43 3/8	8752	49 3/8	10348	55 3/8	11927	61 3/8	13459
1 1/2	62	7 1/2	694	13 1/2	1663	19 1/2	2854	25 1/2	4202	31 1/2	5664	37 1/2	7203	43 1/2	8785	49 1/2	10381	55 1/2	11960	61 1/2	13491
1 5/8	70	7 5/8	711	13 5/8	1686	19 5/8	2880	25 5/8	4232	31 5/8	5696	37 5/8	7236	43 5/8	8819	49 5/8	10414	55 5/8	11992	61 5/8	13522
1 3/4	78	7 3/4	728	13 3/4	1709	19 3/4	2907	25 3/4	4261	31 3/4	5727	37 3/4	7268	43 3/4	8852	49 3/4	10447	55 3/4	12025	61 3/4	13553
1 7/8	87	7 7/8	746	13 7/8	1732	19 7/8	2934	25 7/8	4291	31 7/8	5759	37 7/8	7301	43 7/8	8885	49 7/8	10481	55 7/8	12057	61 7/8	13584
2	96	8	764	14	1755	20	2961	26	4320	32	5790	38	7334	44	8918	50	10514	56	12089	62	13615
2 1/8	105	8 1/8	782	14 1/8	1778	20 1/8	2988	26 1/8	4350	32 1/8	5822	38 1/8	7366	44 1/8	8952	50 1/8	10547	56 1/8	12122	62 1/8	13646
2 1/4	114	8 1/4	800	14 1/4	1802	20 1/4	3015	26 1/4	4380	32 1/4	5853	38 1/4	7399	44 1/4	8985	50 1/4	10580	56 1/4	12154	62 1/4	13677
2 3/8	124	8 3/8	818	14 3/8	1825	20 3/8	3042	26 3/8	4410	32 3/8	5885	38 3/8	7432	44 3/8	9018	50 3/8	10613	56 3/8	12187	62 3/8	13708
2 1/2	133	8 1/2	836	14 1/2	1848	20 1/2	3069	26 1/2	4439	32 1/2	5916	38 1/2	7465	44 1/2	9051	50 1/2	10646	56 1/2	12219	62 1/2	13739
2 5/8	144	8 5/8	855	14 5/8	1872	20 5/8	3096	26 5/8	4469	32 5/8	5948	38 5/8	7497	44 5/8	9085	50 5/8	10679	56 5/8	12251	62 5/8	13770
2 3/4	154	8 3/4	873	14 3/4	1896	20 3/4	3123	26 3/4	4499	32 3/4	5980	38 3/4	7530	44 3/4	9118	50 3/4	10712	56 3/4	12284	62 3/4	13800
2 7/8	165	8 7/8	892	14 7/8	1919	20 7/8	3151	26 7/8	4529	32 7/8	6012	38 7/8	7563	44 7/8	9151	50 7/8	10745	56 7/8	12316	62 7/8	13831
3	175	9	911	15	1943	21	3178	27	4559	33	6043	39	7596	45	9184	51	10778	57	12348	63	13862
3 1/8	187	9 1/8	930	15 1/8	1967	21 1/8	3206	27 1/8	4589	33 1/8	6075	39 1/8	7629	45 1/8	9218	51 1/8	10812	57 1/8	12380	63 1/8	13893
3 1/4	198	9 1/4	949	15 1/4	1991	21 1/4	3233	27 1/4	4619	33 1/4	6107	39 1/4	7661	45 1/4	9251	51 1/4	10845	57 1/4	12413	63 1/4	13923
3 3/8	209	9 3/8	968	15 3/8	2015	21 3/8	3261	27 3/8	4649	33 3/8	6139	39 3/8	7694	45 3/8	9284	51 3/8	10878	57 3/8	12445	63 3/8	13954
3 1/2	221	9 1/2	987	15 1/2	2039	21 1/2	3288	27 1/2	4679	33 1/2	6170	39 1/2	7727	45 1/2	9317	51 1/2	10911	57 1/2	12477	63 1/2	13985
3 5/8	233	9 5/8	1007	15 5/8	2064	21 5/8	3316	27 5/8	4709	33 5/8	6202	39 5/8	7760	45 5/8	9351	51 5/8	10944	57 5/8	12509	63 5/8	14015
3 3/4	245	9 3/4	1026	15 3/4	2088	21 3/4	3344	27 3/4	4740	33 3/4	6234	39 3/4	7793	45 3/4	9384	51 3/4	10977	57 3/4	12541	63 3/4	14046
3 7/8	258	9 7/8	1046	15 7/8	2112	21 7/8	3371	27 7/8	4770	33 7/8	6266	39 7/8	7826	45 7/8	9417	51 7/8	11010	57 7/8	12573	63 7/8	14076
4	270	10	1065	16	2137	22	3399	28	4800	34	6298	40	7859	46	9450	52	11043	58	12605	64	14107
4 1/8	283	10 1/8	1085	16 1/8	2161	22 1/8	3427	28 1/8	4830	34 1/8	6330	40 1/8	7892	46 1/8	9484	52 1/8	11076	58 1/8	12637	64 1/8	14137
4 1/4	296	10 1/4	1105	16 1/4	2186	22 1/4	3455	28 1/4	4861	34 1/4	6362	40 1/4	7925	46 1/4	9517	52 1/4	11109	58 1/4	12669	64 1/4	14167
4 3/8	309	10 3/8	1126	16 3/8	2211	22 3/8	3483	28 3/8	4891	34 3/8	6394	40 3/8	7958	46 3/8	9550	52 3/8	11141	58 3/8	12701	64 3/8	14198
4 1/2	322	10 1/2	1146	16 1/2	2236	22 1/2	3511	28 1/2	4922	34 1/2	6426	40 1/2	7991	46 1/2	9583	52 1/2	11174	58 1/2	12733	64 1/2	14228
4 5/8	336	10 5/8	1166	16 5/8	2260	22 5/8	3540	28 5/8	4952	34 5/8	6458	40 5/8	8024	46 5/8	9617	52 5/8	11207	58 5/8	12765	64 5/8	14258
4 3/4	350	10 3/4	1187	16 3/4	2285	22 3/4	3568	28 3/4	4983	34 3/4	6491	40 3/4	8057	46 3/4	9650	52 3/4	11240	58 3/4	12797	64 3/4	14288
4 7/8	364	10 7/8	1207	16 7/8	2310	22 7/8	3596	28 7/8	5013	34 7/8	6523	40 7/8	8090	46 7/8	9683	52 7/8	11273	58 7/8	12829	64 7/8	14318
5	378	11	1228	17	2336	23	3624	29	5044	35	6555	41	8123	47	9717	53	11306	59	12861	65	14348
5 1/8	392	11 1/8	1249	17 1/8	2361	23 1/8	3653	29 1/8	5075	35 1/8	6587	41 1/8	8156	47 1/8	9750	53 1/8	11339	59 1/8	12892	65 1/8	14378
5 1/4	406	11 1/4	1270	17 1/4	2386	23 1/4	3681	29 1/4	5105	35 1/4	6619	41 1/4	8189	47 1/4	9783	53 1/4	11372	59 1/4	12924	65 1/4	14408
5 3/8	421	11 3/8	1291	17 3/8	2411	23 3/8	3710	29 3/8	5136	35 3/8	6651	41 3/8	8222	47 3/8	9816	53 3/8	11404	59 3/8	12956	65 3/8	14438
5 1/2	436	11 1/2	1312	17 1/2	2437	23 1/2	3738	29 1/2	5167	35 1/2	6684	41 1/2	8255	47 1/2	9850	53 1/2	11437	59 1/2	12988	65 1/2	14468
5 5/8	451	11 5/8	1333	17 5/8	2462	23 5/8	3767	29 5/8	5198	35 5/8	6716	41 5/8	8288	47 5/8	9883	53 5/8	11470	59 5/8	13019	65 5/8	14498
5 3/4	466	11 3/4	1354	17 3/4	2488	23 3/4	3796	29 3/4	5229	35 3/4	6748	41 3/4	8321	47 3/4	9916	53 3/4	11503	59 3/4	13051	65 3/4	14528
5 7/8	481	11 7/8	1376	17 7/8	2514	23 7/8	3824	29 7/8	5260	35 7/8	6781	41 7/8	8354	47 7/8	9949	53 7/8	11536	59 7/8	13082	65 7/8	14558

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08360705 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
66	14588	69	15286	72	15953	75	16581	78	17166	81	17698	84	18168	87	18561	90	18853				
66 1/8	14617	69 1/8	15315	72 1/8	15980	75 1/8	16607	78 1/8	17189	81 1/8	17719	84 1/8	18186	87 1/8	18575	90 1/8	18863				
66 1/4	14647	69 1/4	15343	72 1/4	16006	75 1/4	16632	78 1/4	17212	81 1/4	17740	84 1/4	18204	87 1/4	18590	90 1/4	18872				
66 3/8	14676	69 3/8	15371	72 3/8	16033	75 3/8	16657	78 3/8	17235	81 3/8	17760	84 3/8	18221	87 3/8	18604	90 3/8	18881				
66 1/2	14706	69 1/2	15400	72 1/2	16060	75 1/2	16682	78 1/2	17258	81 1/2	17781	84 1/2	18239	87 1/2	18618	90 1/2	18889				
66 5/8	14735	69 5/8	15428	72 5/8	16087	75 5/8	16707	78 5/8	17281	81 5/8	17801	84 5/8	18256	87 5/8	18631	90 5/8	18897				
66 3/4	14765	69 3/4	15456	72 3/4	16114	75 3/4	16732	78 3/4	17304	81 3/4	17822	84 3/4	18274	87 3/4	18645	90 3/4	18905				
66 7/8	14794	69 7/8	15484	72 7/8	16140	75 7/8	16757	78 7/8	17327	81 7/8	17842	84 7/8	18291	87 7/8	18658	90 7/8	18913				
67	14824	70	15512	73	16167	76	16781	79	17349	82	17862	85	18308	88	18671	91	18920				
67 1/8	14853	70 1/8	15540	73 1/8	16193	76 1/8	16806	79 1/8	17372	82 1/8	17882	85 1/8	18325	88 1/8	18684	91 1/8	18927				
67 1/4	14882	70 1/4	15568	73 1/4	16219	76 1/4	16831	79 1/4	17394	82 1/4	17902	85 1/4	18342	88 1/4	18697	91 1/4	18933				
67 3/8	14911	70 3/8	15596	73 3/8	16246	76 3/8	16855	79 3/8	17417	82 3/8	17922	85 3/8	18358	88 3/8	18710	91 3/8	18939				
67 1/2	14940	70 1/2	15624	73 1/2	16272	76 1/2	16879	79 1/2	17439	82 1/2	17941	85 1/2	18375	88 1/2	18722	91 1/2	18945				
67 5/8	14970	70 5/8	15651	73 5/8	16298	76 5/8	16904	79 5/8	17461	82 5/8	17961	85 5/8	18391	88 5/8	18734	91 5/8	18950				
67 3/4	14999	70 3/4	15679	73 3/4	16324	76 3/4	16928	79 3/4	17483	82 3/4	17980	85 3/4	18408	88 3/4	18746	91 3/4	18955				
67 7/8	15028	70 7/8	15707	73 7/8	16350	76 7/8	16952	79 7/8	17505	82 7/8	18000	85 7/8	18424	88 7/8	18758	91 7/8	18959				
68	15057	71	15734	74	16376	77	16976	80	17527	83	18019	86	18439	89	18769	92	18963				
68 1/8	15085	71 1/8	15762	74 1/8	16402	77 1/8	17000	80 1/8	17549	83 1/8	18038	86 1/8	18455	89 1/8	18781	92 1/8	18965				
68 1/4	15114	71 1/4	15789	74 1/4	16428	77 1/4	17024	80 1/4	17570	83 1/4	18057	86 1/4	18471	89 1/4	18792	92 1/4	18967				
68 3/8	15143	71 3/8	15817	74 3/8	16454	77 3/8	17048	80 3/8	17592	83 3/8	18076	86 3/8	18486	89 3/8	18803	92 3/8	18967				
68 1/2	15172	71 1/2	15844	74 1/2	16479	77 1/2	17072	80 1/2	17613	83 1/2	18094	86 1/2	18501	89 1/2	18813						
68 5/8	15200	71 5/8	15871	74 5/8	16505	77 5/8	17095	80 5/8	17634	83 5/8	18113	86 5/8	18517	89 5/8	18824						
68 3/4	15229	71 3/4	15898	74 3/4	16530	77 3/4	17119	80 3/4	17656	83 3/4	18131	86 3/4	18532	89 3/4	18834						
68 7/8	15258	71 7/8	15926	74 7/8	16556	77 7/8	17142	80 7/8	17677	83 7/8	18149	86 7/8	18546	89 7/8	18844						

** PRECISION IS ABOUT +/- 1%